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<110> Dedhar, Shoukat Hannigan, Greg

<120> Integrin-Linked Kinase and its Uses

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- <141> 2001-04-23
- <150> 60/009,074
- <151> 1995-12-21
- <150> 08/752,345
- <151> 1996-11-19
- <150> 08/955,841
- <151> 1997-10-21
- <150> 09/390,425
- <151> 1999-09-03
- <150> 09/566,906
- <151> 2000-05-09
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- <212> DNA
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1632

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315

320

Met Ala Phe Leu His Thr Leu Glu Pro Leu Ile Pro Arg His Ala Leu

Asn Ser Arg Ser Val Met Ile Asp Glu Asp Met Thr Ala Arg Ile Ser 325 330 Met Ala Asp Val Lys Phe Ser Phe Gln Cys Pro Gly Arg Met Tyr Ala 340 345 Pro Ala Trp Val Ala Pro Glu Ala Leu Gln Lys Lys Pro Glu Asp Thr 360 Asn Arg Arg Ser Ala Asp Met Trp Ser Phe Ala Val Leu Leu Trp Glu 375 380 Leu Val Thr Arg Glu Val Pro Phe Ala Asp Leu Ser Asn Met Glu Ile 395 390 Gly Met Lys Val Ala Leu Glu Gly Leu Arg Pro Thr Ile Pro Pro Gly 405 410 Ile Ser Pro His Val Cys Lys Leu Met Lys Ile Cys Met Asn Glu Asp 420 425 Pro Ala Lys Arg Pro Lys Phe Asp Met Ile Val Pro Ile Leu Glu Lys 435 440 Met Gln Asp Lys 450 <210> 3 <211> 452 <212> PRT <213> Homo sapiens <220> <221> Other <222> (0)...(0) <400> 3 Met Asp Asp Ile Phe Thr Gln Cys Arg Glu Gly Asn Ala Val Ala Val 10 5 Arg Leu Trp Leu Asp Asn Thr Glu Asn Asp Leu Asn Gln Gly Asp Asp 25 His Gly Phe Ser Pro Leu His Trp Ala Cys Arg Glu Gly Arg Ser Ala 40 Val Val Glu Met Leu Ile Met Arg Gly Ala Arg Ile Asn Val Met Asn 55 60 Arg Gly Asp Asp Thr Pro Leu His Leu Ala Ala Ser His Gly His Arg 70 Asp Ile Val Gln Lys Leu Leu Gln Tyr Lys Ala Asp Ile Asn Ala Val 90 Asn Glu His Gly Asn Val Pro Leu His Tyr Ala Cys Phe Trp Gly Gln 105 100 Asp Gln Val Ala Glu Asp Leu Val Ala Asn Gly Ala Leu Val Ser Ile 120 Cys Asn Lys Tyr Gly Glu Met Pro Val Asp Lys Ala Lys Ala Pro Leu 135 Arq Glu Leu Leu Arg Glu Arg Ala Glu Lys Met Gly Gln Asn Leu Asn 155 150 Arg Ile Pro Tyr Lys Asp Thr Phe Trp Lys Gly Thr Thr Arg Thr Arg 165 170 Pro Arg Asn Gly Thr Leu Asn Lys His Ser Gly Ile Asp Phe Lys Gln 185

Leu Asn Phe Leu Thr Lys Leu Asn Glu Asn His Ser Gly Glu Leu Trp 200 Lys Gly Arg Trp Gln Gly Asn Asp Ile Val Val Lys Val Leu Lys Val 220 215 Arg Asp Trp Ser Thr Arg Lys Ser Arg Asp Phe Asn Glu Glu Cys Pro 230 235 225 Arg Leu Arg Ile Phe Ser His Pro Asn Val Leu Pro Val Leu Gly Ala 250 Cys Gln Ser Pro Pro Ala Pro His Pro Thr Leu Ile Thr His Trp Met 260 265 Pro Tyr Gly Ser Leu Tyr Asn Val Leu His Glu Gly Thr Asn Phe Val 275 280 Val Asp Gln Ser Gln Ala Val Lys Phe Ala Leu Asp Met Ala Arg Gly 295 300 Met Ala Phe Leu His Thr Leu Glu Pro Leu Ile Pro Arg His Ala Leu 315 310 Asn Ser Arg Ser Val Met Ile Asp Glu Asp Met Thr Ala Arg Ile Ser 330 Met Ala Asp Val Lys Phe Ser Phe Gln Cys Pro Gly Arg Met Tyr Ala 345 Pro Ala Trp Val Ala Pro Glu Ala Leu Gln Lys Lys Pro Glu Asp Thr 360 Asn Arg Arg Ser Ala Asp Met Trp Ser Phe Ala Val Leu Leu Trp Glu 375 380 Leu Val Thr Arg Glu Val Pro Phe Ala Asp Leu Ser Asn Met Glu Ile 395 390 Gly Met Lys Val Ala Leu Glu Gly Leu Arg Pro Thr Ile Pro Pro Gly 405 410 Ile Ser Pro His Val Cys Lys Leu Met Lys Ile Cys Met Asn Glu Asp Pro Ala Lys Arg Pro Lys Phe Asp Met Ile Val Pro Ile Leu Glu Lys 440 Met Gln Asp Lys 450 <210> 4 <211> 256 <212> PRT <213> Homo sapiens <220> <221> Other <222> (1)...(256) Ile Pro Arg Glu Ser Leu Arg Leu Glu Val Lys Leu Gly Gln Gly Cys 10 Phe Gly Glu Val Trp Met Gly Thr Trp Asn Gly Thr Thr Lys Val Ala 25 Ile Lys Thr Leu Lys Pro Gly Thr Met Met Pro Glu Ala Phe Leu Gln Glu Ala Gln Ile Met Lys Lys Leu Arg His Asp Lys Leu Val Pro Leu

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            100
Met Ala Tyr Ile Glu Arg Met Asn Tyr Ile His Arg Asp Leu Arg Ala
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Ala Asn Ile Leu Val Gly Asp Asn Leu Val Cys Lys Ile Ala Asp Phe
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Gly Leu Ala Arg Leu Ile Glu Asp Asn Glu Tyr Thr Ala Arg Gln Gly
                   150
                                       155
Ala Lys Phe Pro Ile Lys Trp Thr Ala Pro Glu Ala Ala Leu Tyr Gly
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                                                       175
Arg Phe Thr Ile Lys Ser Asp Val Trp Ser Phe Gly Ile Leu Leu Thr
            180
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Glu Leu Val Thr Lys Gly Arg Val Pro Tyr Pro Gly Met Val Asn Arg
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Glu Val Leu Glu Gln Val Glu Arg Gly Tyr Arg Met Pro Cys Pro Gln
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Leu Arg Glu Val Ala Ile Met Lys Arg Leu Arg His Pro Asn Ile Val
                                            60
                        55
Leu Phe Met Gly Ala Val Thr Gln Pro Pro Asn Leu Ser Ile Val Thr
                                        75
                    70
Glu Tyr Leu Ser Arg Gly Ser Leu Tyr Arg Leu Leu His Lys Ser Gly
                                    90
Ala Arg Glu Gln Leu Asp Glu Arg Arg Leu Ser Met Ala Tyr Asp
                                105
Val Ala Lys Gly Met Asn Tyr Leu His Asn Arg Asn Pro Pro Ile Val
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His Arg Asp Leu Lys Ser Pro Asn Leu Leu Val Asp Lys Lys Tyr Thr
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Ile Val Leu Tyr Glu Leu Met Thr Gly Gln Leu Pro Tyr Ser Asn Ile 195 200 205

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Leu Met	Ala	Glu	Cys 245	Leu	Lys	Lys	Lys	Arg 250	Asp	Glu	Arg	Pro	Leu 255	Phe	
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